

Overbay, Michael

From: Overbay, Michael
Sent: Wednesday, February 20, 2013 3:07 PM
To: Dwyer, Stacey; Dellinger, Philip; Graves, Brian; Frazier, Mike
Subject: FW: Today's Bayou Corne Science Workgroup Call

Notes from today's Bayou Corne call. Two items of note. 1) They got a gauge tool stuck in the area just below the casing of the OXY 3 (collapsed) well and lost it last Thursday. They will try and "push it out into the cavern" and run a new 4.5 inch casing further into the cavern opening. 2) They are hearing bubbling in the OXY 1 cavern, which they believe to be gas. The Texas Brine rep said it is not uncommon for this to happen in any brine mining well in South Louisiana.

From: Thomas Van Biersel [mailto:Thomas.VanBiersel@LA.GOV]
Sent: Wednesday, February 20, 2013 11:09 AM
To: Chris Knotts; 'boyce.clark@arcadis-us.com'; 'bobby.mcdonald@sug.com'; Brent Campbell; 'bill.goodman@respec.com'; 'Dayton.j.pannell@uscg.mil'; 'dgodda1@lsu.edu'; Gary Ross; Gary Snellgrove; 'garcement@usgs.gov'; Jake Causey; 'gljeff@lsu.edu'; Jim Welsh; 'joe@ratiganeandc.com'; 'jwarneke@texasbrine.com'; Johan Forsman; 'hammer@lsu.edu'; 'jlovelac@usgs.gov'; Laurence Bland; 'thibod@lsu.edu'; Madhurendu Kumar; 'agpul@lsu.edu'; 'michael.leblanc@crosstexenergy.com'; Patrick Courreges; 'rebecca.l.fuller@uscg.mil'; 'rghughes@lsu.edu'; 'lmlne1@lsu.edu'; Robert Benoit (DNR); David Elfert; Ross LeBlanc (DNR); Stephen Chustz (DNR); 'tedbourgoyne@lsu.edu'; 'warrenii@lsu.edu'; 'cjohn@lsu.edu'; 'cung.vu@chevron.com'; 'jlanglinais@cox.net'; 'kblanchard@texasbrine.com'; 'ellsworth@usgs.gov'; 'jrubinstein@usgs.gov'; 'hickman@usgs.gov'; 'shorton@memphis.edu'; 'wleith@usgs.gov'; 'benz@usgs.gov'; 'mblanpied@usgs.gov'; 'methridge@usgs.gov'; 'sehammon@usgs.gov'; 'jkolak@usgs.gov'; 'lemersal@usgs.gov'; 'meremonte@usgs.gov'; 'StephenSpencer@ios.doi.gov'; 'rawilliams@usgs.gov'; 'johnboudreaux@assumptionoeop.com'; Kevin Davis; Donald Haydel; 'William.Goodman@respec.com'; Clay Trachtman; 'bob.langan@chevron.com'; peggy.hatch@la.gov; Celeste Bonnecaze; Dutch Donlon; Kevin Masden; Joe Ball; 'mcartwright@unitedbrine.com'; Larry Gill; 'greg.ball@chevron.com'; Pat Santos; Wendy Brogdon; Christopher Guilbeaux; James Smith (GOHSEP); 'LauraSwafford@chevron.com'; Steve Meunier; 'djborns@sandia.gov'; 'sjbauer@sandia.gov'; 'Jill McMillan (jill.mcmillan@CrosstexEnergy.com)'; 'Scott Goldberg (scott.goldberg@crosstexenergy.com)'; 'Chevron larry piglia'; 'rthoms@cox.net'; 'cwillson@lsu.edu'; Dellinger, Philip; Frazier, Mike; Graves, Brian; Overbay, Michael; 'Norman Mabile (normanmabile@msn.com)'; 'davisbd@aol.com'; 'Saxton, Deborah (Deborah.Saxton@shawgrp.com)'; 'Luke LeBas (luke.lebas@shawgrp.com)'; 'chris.cerniauskas@shawgrp.com'; 'Krolow, Mark (MRKR) (MRKR@chevron.com)'; 'MCraven@chevron.com'; 'Juan M Lorenzo'; Rhett Desselle; Richard Swan; 'Ed Gottlob'; 'Gary.Hecox@Shawgrp.com'; 'wpettitt@itascacg.com' (wpettitt@itascacg.com); 'mcgarr@usgs.gov'; 'kathy_riparian@bellsouth.net'; 'julie@meqgeo.com'; 'Michael Taylor'; Tom Killeen; Byron Miller; 'Wiggs, Calvin R'
Cc: Brenda Miranda; Dana Naquin; Mollie Montelaro
Subject: RE: Today's Bayou Corne Science Workgroup Call

Below is today's agenda. If you have any items you wish to add to the agenda send them to me before the meeting. Please call in promptly at 2:00 p.m. to beginning the discussion at approximately 2:05 p.m.

For those of you near DNR (LaSalle Building) the call will initiate from the 12th floor conference room, if you wish to participate in person.

Call login info:

1. Dial your access number: **1 866 692 4538** (Toll Free) or 1 334 323 3125 (International)
2. Enter your MEETING NUMBER: **5542801#** preceded and followed by the * key

MEETING AGENDA 2/20/13 – 2:00 p.m. (CST)

1. Current Status/Updates

a. Bubbling Locations/Intensity Changes (Shaw)

CBI Calvin – No observations on bubble intensities since last call. Up to # 48. Updating map to include berm around the sinkhole. TBC – no info.

b. Sink Hole Changes (TBC and Shaw)

On 2/15, 60x120 area sloughed off on the southwest side. Second smaller event also occurred. Later they said a sloughing event also happened on Sunday, 2/10. Not sure if that was the second one mentioned earlier. Cracks on the pad do not appear to be increasing in size, but appear to be filling in. Cannot answer when the GPR survey of pad 3 will happen, but should be in the next week.

c. Observed Seismic Activity (TBC, CERI and USGS)

Calvin at Shaw. Very long period (VLP) frequency event happened on Friday, 2/15. Seismic monitors are still available on the CERI website, but TBC has started to set up another website, too.

d. Aquifer Relief/Vent Wells, Monitoring Wells and Geoprobes (Shaw and TBC)

Cumulative venting of 6,700 MCF of gas has been vented. They have completed 5 new wells in the last week. Pressure is varying slightly in the GeoProbe wells. 6 of 18 GeoProbe locations have no pressure. Location 5 (near the boat landing) and 17 (near the northeast area of the community) have lost pressure. No new data on monitoring wells.

e. Testing/Data Collection on OXY #3 Cavern (TBC)

Working up a plan to de-pressure the wellhead. Need to “push the junk in the well out into the cavern.” Stuck the gauge tool in the casing last Thursday and were unable to retrieve it. Consequently they did not get a new measurement of the depth or sonar evaluation. They will need to move a rig onto the pad and try to push a 4.5 inch casing into the area below the current casing. They think that they have washed out salt in that area by injecting fresh water, which allowed the gauge to get misaligned.

j. Current Seismic Survey Activities (TBC)

Still negotiating final access agreements, but expect to begin in 7-10 days.

2. Other issues

- a. [Upcoming Workshop](#) – projected for either March 4 or 8. If you have a preference of any specific desired data let Thomas know.
- b. Containment dike construction has been held up by negotiations with a gas piepling company, but that has been worked out and they are still approximately on schedule.
- c. Bubbling of gas within Oxy #1 is causing noise interference with the 3D seismic geophones. Mark with Shaw indicated this type of gas bubbling is commonly associated with brine caverns.

3. Adjourn

Thomas P. Van Biersel, Ph.D., P.G.
Office of the Secretary
Louisiana Department of Natural Resources
(225) 342-1813

CONFIDENTIALITY NOTICE

This email communication may contain confidential information which also may be legally privileged and is intended only for the use of the intended recipients identified above. If you are not the intended recipient of this communication, you are hereby notified that any unauthorized review, use, dissemination, distribution, downloading, or copying of this communication is strictly prohibited. If you are not the intended recipient and have received this communication in error, please immediately notify us by reply email, delete the communication and destroy all copies.

COMPUTER SYSTEM USE/CONSENT NOTICE

This message was sent from a computer system which is the property of the State of Louisiana and the Department of Natural Resources (DNR). It is for authorized business use only. Users (authorized or unauthorized) have no explicit or implicit expectation of privacy. Any or all uses of this system and all files on this system may be intercepted, monitored, recorded, copied, audited, inspected, and disclosed to Department of Natural Resources and law enforcement personnel. By using this system the user consents to such interception, monitoring, recording, copying, auditing, inspection, and disclosure at the discretion of DNR.